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(54) **Method, system and terminal for the communication and migration of mobile agents by means of multimedia messaging**

(57) Method of transmitting Multimedia Messaging Service messages in a telecommunications network comprising at least one first and one second terminal, where said terminals comprise at least one agent platform and one mobile agent respectively, where at least one of the terminals is a cellular terminal, characterized by comprising the steps of: in a first terminal (60), assigning to a field of the header (100, 100') of a Multimedia Messaging Service message (9, 9') an identifier (3') of an agent platform (75, 85) of a second terminal (70, 80) with which the first terminal (60) can exchange information relating to at least one mobile agent (65-1, 65-2, ..., 65-i); assigning to at least one field (210, 220, 230, 240) of the body (200, 200') of said Multimedia Messaging Service message (9, 9') at least one piece of information relating to a mobile agent (65-1, 65-2, ..., 65-i); sending said MMS message (9, 9') from said first terminal (60) to said second terminal (70, 80). Method of receiving. Telecommunications terminal, network and system.

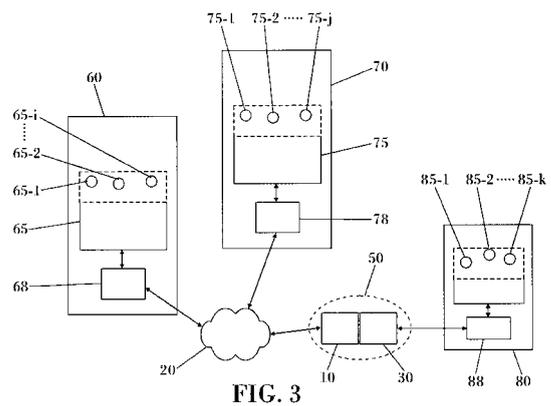


FIG. 3

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	WO 2004/052033 A (KONINKL PHILIPS ELECTRONICS NV [NL]; SHAO XIAOLING [CN]; FENG LEI [CN]) 17 June 2004 (2004-06-17) * abstract * * page 1, line 5 - page 9, line 9 * -----	1-36	INV. G06F9/48 H04L29/08
X	FIPA: "FIPA Agent Transport Service Specification" FOUNDATION FOR INTELLIGENT PHYSICAL AGENTS, 12 March 2002 (2002-03-12), XP002480646 FIPA www.fipa.org section 2 section 3 * figures 1,2 *	1-36	
X	WO 2005/079080 A (EASTMAN KODAK CO [US]; VAU JEAN-MARIE [FR]; RIGAULT OLIVIER MARC ANTOI) 25 August 2005 (2005-08-25) * abstract * * page 1, line 11 - page 10, line 16 * * page 11, line 23 - page 15, line 15 * * figures 1-6 * -----	1-36	TECHNICAL FIELDS SEARCHED (IPC) G06F H04L
X	KOZINA B ET AL: "Agent-based Messaging System for M-Learning" ELECTROTECHNICAL CONFERENCE, 2006. MELECON 2006. IEEE MEDITERRANEAN BENALMADENA, SPAIN 16-19 MAY 2006, PISCATAWAY, NJ, USA, IEEE, 16 May 2006 (2006-05-16), pages 1213-1216, XP010927973 ISBN: 978-1-4244-0087-4 * abstract * * the whole document * -----	1-36	
-/--			
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 19 May 2008	Examiner Körbler, Günther
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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EPO FORM 1503 03.82 (P04C01)



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	US 6 886 024 B1 (FUJITA SATORU [JP] ET AL) 26 April 2005 (2005-04-26) * abstract * * column 2, line 47 - column 8, line 17 * * figures 1-28 * -----	1-36	
			TECHNICAL FIELDS SEARCHED (IPC)
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
Munich		19 May 2008	Körbler, Günther
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 07 38 0304

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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19-05-2008

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2004052033 A	17-06-2004	AU 2003280162 A1	23-06-2004
		BR 0316937 A	18-10-2005
		CA 2508431 A1	17-06-2004
		CN 1505417 A	16-06-2004
		EP 1570689 A1	07-09-2005
		JP 2006509400 T	16-03-2006
		KR 20050085292 A	29-08-2005
		MX PA05005843 A	26-08-2005
		US 2006142029 A1	29-06-2006
		-----	-----
WO 2005079080 A	25-08-2005	FR 2866454 A1	19-08-2005
US 6886024 B1	26-04-2005	JP 3738624 B2	25-01-2006
		JP 2001125872 A	11-05-2001
-----	-----	-----	-----

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82